

(Examine and Recd)
Recorded Vol. 30, page
THE GUIDE: *300*

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113
1850
A DESCRIPTION OF THE *No. 211*

M O D E R N

School Furniture

MANUFACTURED BY

SAMUEL WALES, JR.,

NO. 14 BROMFIELD STREET,

BOSTON.

7
ENTERED, ACCORDING TO ACT OF CONGRESS,

IN THE YEAR 1855,

BY SAMUEL WALES, JR.,

IN THE CLERK'S OFFICE OF THE DISTRICT COURT OF THE
DISTRICT OF MASSACHUSETTS.



h33280
W3
1850

THE GUIDE:

A DESCRIPTION OF THE

IMPROVED SCHOOL FURNITURE

MANUFACTURED AT THE

BOSTON SCHOOL FURNITURE MANUFACTORY

OF

SAMUEL WALES, JR.,
11

NO. 14 BROMFIELD STREET,

BOSTON, MASS.

ILLUSTRATED WITH NUMEROUS ENGRAVINGS.

ca 10-2183

ENTERED, ACCORDING TO ACT OF CONGRESS,
IN THE YEAR 1850,

BY SAMUEL WALES, JR.,

IN THE CLERK'S OFFICE OF THE DISTRICT COURT OF THE
DISTRICT OF MASSACHUSETTS.

LP 2281

W3

1850

TS 2280

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Cot. - Sept. 19, 1839

P R E F A C E .

THE new order of school furniture, which is being so generally adopted in the best school-houses in this country, began with "Wales' American School Chairs," represented in the engraving No. 1, in the following leaves. They were the first of this series of improvements; and though a great advance in style and finish has since been made, the original principles which were then relied upon to give strength and durability are unimpaired.

These chairs were invented, and first introduced, in 1839; and on the ninth day of June, in that year, the school in the town of Chelsea, Mass., where they were first put in use, commenced operations.

Since that time, there has been a constantly increasing interest in this enterprise—a rapid enlargement of the variety of articles, and an unfailing demand—until the enterprise has become so extensive, and its products so widely called for, that nothing less than the plan adopted in this pamphlet could give, on paper, an adequate idea of its extent; and no less than the establishment of a manufactory for the sole purpose, could be confidently relied upon to meet the constant demand with the fidelity and promptness due to its importance.

Thus, a brief statement indicates the origin and increase of this important improvement in school furniture; but, to realize its actual extent—to trace its real progress, and determine the amount of its usefulness—it would be needful to follow its footsteps into the renovated school-rooms of almost every state in the Union.

WALES' IMPROVED SCHOOL FURNITURE.

TO THE PUBLIC.

THE uniform and unexampled success which has attended the introduction of this NEW ORDER of School Furniture into many of the best schools in this country, has induced the proprietor to extend his operations much beyond the original design.

To insure the perfect mechanical execution of the work, and unfailing fidelity in the fulfilment of contracts, he has established, in the city of Boston, a SCHOOL FURNITURE MANUFACTORY, devoted to this enterprise.

His establishment is furnished with a Steam Engine of ample power; rare and valuable machinery; competent and experienced men; and everything needful to embody the capacity to produce first-class work, with unequalled economy, precision and promptness.

With the aid of these advantages, and valuable improvements and additions, he is now manufacturing extensively, from models of his own invention, some idea of which may be gathered from this pamphlet.

In the following pages will be found a description of the styles now in favor, illustrated by numerous engravings; school-rooms of various sizes and plans, indicating the best method of arranging new furniture; also, highly valued testimonials from committees, teachers and others, whose opportunity to judge has been of a practical character.

The Engravings have been executed with care, and may be relied upon as truthful representations; it is proper to say, however, that all well-finished articles will far exceed in beauty the best efforts to represent them without coloring.

School Furniture forwarded to any part of the UNITED STATES.

Every article of School Furniture from this establishment will have the subscriber's name thereon, and will be WARRANTED.

Inquirers after School Furniture are invited to visit the subscriber's WAREROOM, and examine specimens of every kind, set up as in actual use.

Further information will be promptly communicated, on application, by mail or otherwise, to S. WALES, JR.,

School Furniture Manufacturer,

No. 14, Bromfield Street,

Boston, Mass.

WALES' IMPROVED SCHOOL FURNITURE.

SCHEDULE OF HEIGHTS OF CHAIRS AND DESKS.

The IMPROVED NEW ORDER is composed of EIGHT SIZES, in every style and combination represented by the following engravings, as follows : —

No.	1.	CHAIRS,	10 inches	high ;	DESKS,	side	next	the	scholar,	20 inches	high.
"	2.	"	11	"	"	"	"	"	"	21	"
"	3.	"	12	"	"	"	"	"	"	22	"
"	4.	"	13	"	"	"	"	"	"	23	"
"	5.	"	14	"	"	"	"	"	"	24	"
"	6.	"	15	"	"	"	"	"	"	25½	"
"	7.	"	16	"	"	"	"	"	"	27	"
"	8.	"	17	"	"	"	"	"	"	28½	"

These sizes embrace all that are needful for scholars from four years to twenty years of age.

The following pages exhibit all the improved styles of School Furniture united in a great variety of combinations, suited to the wants of public and private schools, academies, &c. ; and, whether it be the comfort and health of scholars, elegance of style and finish, adaptation to its object, durability and economy, or all these qualities in one, that is sought for, the object can be attained by a judicious selection from this establishment.

This is the only manufactory in existence which is devoted, as a *first object*, to the manufacture of School Furniture ; and it may be depended on for the most improved and best-made articles.

N. B. Orders for School Furniture, from persons at a distance, will be executed and forwarded with the same fidelity and promptness, and at the same prices in all respects, as if they were given in person.



No. 1.

WALES' AMERICAN SCHOOL CHAIRS.

THE engraving represents all the sizes, as stated in the Schedule of Heights of Chairs and Desks.

Each chair is based upon a single iron pedestal, which is secured to the seat of the chair at the top, and to the floor of the school-room at the foot. The centre piece of the chair-back, descends directly into the foot of the iron pedestal, intersecting the back of the seat as it passes, in such a manner as to form a *back stay*, thereby producing in the chair, as a whole, the greatest possible degree of firmness and strength.

These chairs are plain and substantial, presenting no other claims to admiration than such as are due to their durability, adaptation to their object, and perfect mechanical combinations and finish.



No. 2.

WALES' AMERICAN SCHOOL CHAIRS AND DOUBLE DESK.

THE engraving represents an IMPROVED SCHOOL DESK for two scholars, on iron supports, with AMERICAN SCHOOL CHAIRS to correspond.

Each Desk is furnished with an ink-well, and a metal cover of the best kind.

The top is grooved, to accommodate pens, pencils, and other small articles, with a safe resting-place.

The parts are joined together in a manner which can only be accomplished with the patent machinery employed for this purpose by the proprietor.



No. 3.

WALES' AMERICAN SCHOOL CHAIR AND SINGLE DESK.

THE engraving represents an Improved Single Desk for one scholar, on iron supports, and with an AMERICAN SCHOOL CHAIR to correspond.

Each Desk is provided with an ink-well, and metal cover of the best kind.

The top is grooved, to furnish a resting-place for small utensils of study.

The parts are joined together by a process which can only be effected by the use of a patent machine adapted to that object.



No. 4.

WALES' NEW ENGLAND SCHOOL CHAIRS.

THE engraving represents all the sizes, as stated in the Schedule of Heights of Chairs and Desks.

Each chair is based upon a pedestal of iron, of great beauty and strength, which is firmly secured to the seat of the chair at the top, and to the floor of the school-room at the foot.

An ornamental centre-piece passes down into the base of the pedestal, forming the centre of the chair-back and the *back stay* ; securing thereby every degree of strength which any can have, and forming together a very tasteful style.



No. 5.

WALES' NEW ENGLAND SCHOOL CHAIRS AND DOUBLE DESK.

THE engraving represents an Improved Double School Desk, on iron supports, with New England School Chairs to correspond.

These Desks are furnished with an ink-well and metal cover, and, being made in the best manner, with every improvement, are, in all respects, a first-class article.

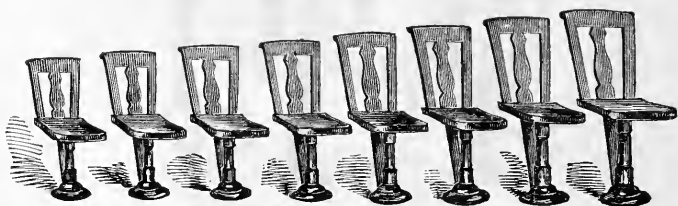


No. 6.

WALES' NEW ENGLAND SCHOOL CHAIR AND SINGLE DESK.

THE engraving represents an Improved Single School Desk, with a New England School Chair to correspond.

The Desks are supplied with ink-wells and metal covers, and are finished, in all respects, in the best manner.



No. 7.

WALES' BOWDOIN SCHOOL CHAIRS.

THE engraving represents all the sizes, as stated in the Schedule of Heights of Chairs and Desks.

Each Chair is based upon an iron pedestal, secured to the seat of the Chair at the top, and to the floor of the school-room at the foot.

The ornamental centre-piece of the back passes down into the base of the pedestal, forming the *back stay*, and securing all its advantages of strength, &c.

These Chairs, having a tasteful scroll top, the centre of the back being in an ornamental form, the finish of the first order, and combining every attainable degree of strength, are regarded with great favor, as a most graceful as well as reliable class of school furniture.

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No. 8.

WALES' BOWDOIN SCHOOL CHAIRS AND DOUBLE DESK.

THE engraving represents an IMPROVED DOUBLE SCHOOL DESK, on iron supports, with BOWDOIN SCHOOL CHAIRS to correspond.

Each desk is furnished with an ink-well and metal cover, and is, in all respects, a first-rate article.

This combination, in view of its greater degree of grace and beauty, has been received with much favor.



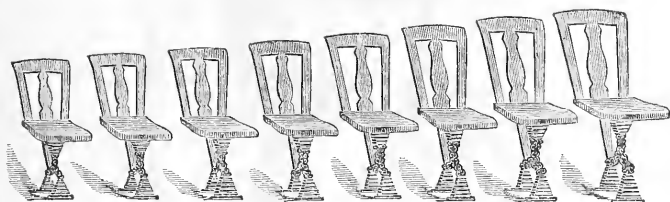
No. 9.

WALES' BOWDOIN SCHOOL CHAIR AND SINGLE DESK.

THE engraving represents an IMPROVED SINGLE SCHOOL DESK, on iron supports, with a BOWDOIN SCHOOL CHAIR to correspond.

Each desk is supplied with an ink-well and metal cover.

In the manufacture of these desks, every valuable feature is embraced, and the combination has been received with special favor.



No. 10.

WALES' WASHINGTON SCHOOL CHAIRS.

THE engraving represents all the sizes, as described in the Schedule of Heights of Chairs and Desks.

Each chair is securely based upon an iron pedestal of great beauty and strength ; has a highly finished scroll top ; an ornamental centre of the back, which, passing down into the base of the pedestal, forms the *back stay*, and secures every attainable degree of strength and firmness.

These advantages, combined with tasteful symmetry, strength, and adaptation to its object, form a chair of unrivalled excellence.



No. 11.

WALES', WASHINGTON SCHOOL CHAIRS AND DOUBLE DESK.

THE engraving represents an Improved Double Desk, on iron supports, with Washington School Chairs to correspond.

Each desk is furnished with an ink-well and metal cover, and combines, in its construction, every improvement in style and finish.



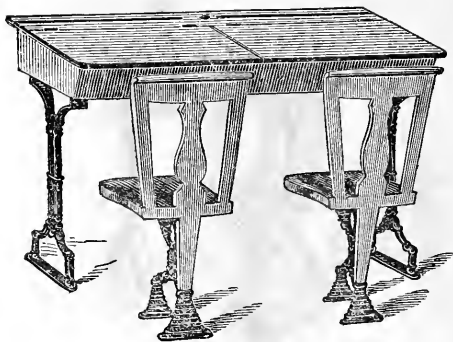
No. 12.

WALES' WASHINGTON SCHOOL CHAIR AND SINGLE DESK.

THE engraving represents an Improved Single Desk, on iron supports, with a Washington School Chair to correspond.

Each desk is furnished with an ink-well and metal cover.

This combination embraces every valuable improvement, in its construction and style; due regard is also had to strength and adaptation to its objects; and, in view of its combined excellences, it may be considered as among the best styles.



No. 13.

WALES' NORMAL SCHOOL DOUBLE DESK AND CHAIRS.

THE engraving represents a NORMAL SCHOOL DOUBLE DESK, on iron supports, having two covers, with Washington School Chairs to correspond.

Each cover opens a separate apartment in the desk, designed for the exclusive use of one scholar.

Desks of this kind are grooved; the parts united; supplied with ink-wells, and finished, in every respect, in the best manner.

Either of the foregoing styles of chairs may appropriately accompany these desks, and practically would answer the same purpose; but, as a matter of taste and uniformity of style, the Washington School Chair, as above represented, would be preferable. This is, in every way, a superior style.



No. 14.

WALES' NORMAL SCHOOL SINGLE DESK AND CHAIR.

THE engraving represents a NORMAL SCHOOL SINGLE DESK, on iron supports, having a cover to open, with a Washington School Chair to correspond; the whole being designed for one scholar.

In these desks are combined every desirable feature which attaches to any of the desks described in the preceding pages; and they are, in all respects, of the most perfect construction.

Any other style of chairs, described in the foregoing pages, would answer every practical purpose, if united with these desks; but, as a matter of uniformity and taste, those represented here are preferable. This combination, as a whole, is of the highest order.



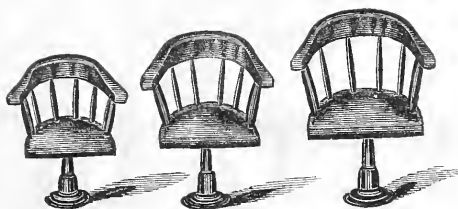
No. 15.

WALES' IMPROVED WRITING STOOLS.

THE engraving represents all the sizes, as stated in the Schedule of Heights of Chairs and Desks.

This style is simple and effective; they will give satisfaction, when needed.

For most educational purposes, chairs are highly preferable, and this seems to be the general opinion; but, in cases where writing is taught in a separate department, the writing-stool is preferred, as being less expensive, and occupying less room.



No. 16.

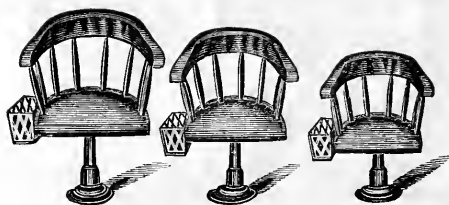
WALES' PRIMARY SCHOOL CHAIR.

THE engraving represents a series of *three sizes*, suitable for scholars from four years of age and upward, comprehending all the sizes needed in primary and intermediate schools, to wit: —

No. 1,	.	.	10 inches high.
" 2,	.	.	11 " "
" 3,	.	.	12 " "

It will be observed, that the form of these chairs is that of a complete modern arm-chair, the dimensions being adapted to the size and comfort of juvenile occupants.

Each chair is based on an iron pedestal, securely fastened to the seat at the top, and to the floor of the school-room at the foot; thus becoming a permanent article of furniture, and completely avoiding the confusion, irregularity and noise, which are the unavoidable accompaniments of movable chairs in a school-room.



No. 17.

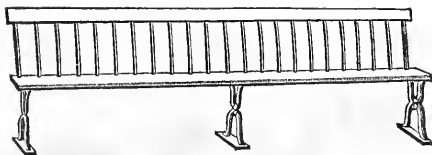
WALES' BASKET PRIMARY SCHOOL CHAIR.

THE engraving represents a series of three sizes, suitable for scholars from four years of age and upward; comprehending all the sizes needed in primary and intermediate schools, to wit:—

No. 1,	.	.	10 inches high.
" 2,	.	.	11 " "
" 3,	.	.	12 " "

The details stated in connection with No. 16 apply also to these; and, in addition, these have a tastefully ornamented BOOK BASKET of iron, into which the children can place their books, slates, and other utensils of study.

As a whole, in view of their strength, comfort, beauty and adaptation to their object, these are regarded as the best PRIMARY SCHOOL CHAIRS extant.



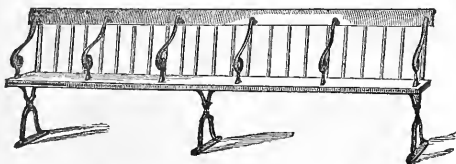
No. 18.

WALES' IMPROVED SETTEES.

THE engraving represents an Improved Settee, eight feet in length, based upon iron supports, designed for that purpose.

Such settees are well adapted for recitation rooms, the walls of school-rooms, for the accommodation of visitors, or for any position where permanent settees are wanted.

They are made of any required height, size, or length; often from forty to sixty feet in length, when placed on the walls of school-rooms; and, being without arms or other divisions, the whole length, in fact, forming a single settee, have been found to be very convenient, and of good appearance.



No. 19.

WALES' IMPROVED LYCEUM SETTEE.

THE engraving represents an Improved Lyceum Settee, eight feet long, based on iron supports, and divided into five parts or seats, with fancy iron arms, made for that purpose.

Such settees are made of any required length, height, or size, and the subdivisions may be few or many, as the case or taste requires. No settee can be stronger than these, when fully subdivided, as in the engraving.

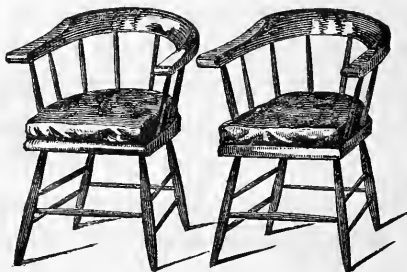
In all other particulars, they conform to the description given of No. 18.



No. 20.

WALES' TEACHER'S ARM-CHAIRS.

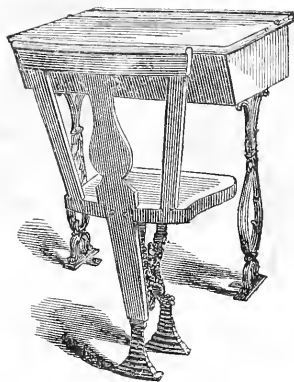
THE engraving represents two substantial, well-made, and comfortable arm-chairs, having no other claim to novelty than may be due to the fact that they are constructed entirely of hard wood, and are finished without paint of any kind; they will therefore wear well, and retain their good appearance without soiling or defacement, for a long period.



No. 21.

WALES' TEACHER'S ARM-CHAIRS, WITH CUSHIONS.

THE engraving represents two Teacher's Arm-chairs, of the same character as are described at No. 20, with the addition of cushions to the seats. They are manufactured and finished, in all respects, the same, and their strength and durability may be equally relied upon.



No. 22.

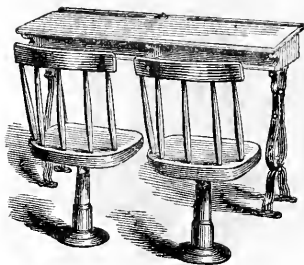
WALES' CLASSICAL SINGLE DESK AND CHAIR

THE engraving represents a large-sized SINGLE DESK, with cover opening on pivot hinges at each end; the whole supported by desk irons of great strength and beauty.

The Desk is accompanied by a WASHINGTON CHAIR, like Plate No. 10; but purchasers can make their selection from Plates No. 1, No. 4 or No. 7, at their pleasure.

The style is complete in four sizes, corresponding to Nos. 6, 7, 8, 9. No. 9 is an extra-sized Chair, which belongs to this style only

This style is adapted to the use of Schools and Academics of the highest grade, and exceeds all others in its capacity strength, and beauty.



No. 23.

WALES' PRIMARY DOUBLE DESK AND FRANKLIN CHAIRS.

THE engraving represents a small-sized DOUBLE SCHOOL DESK, with FRANKLIN CHAIRS to correspond; all on iron supports; the whole being made and finished in the best manner. The Desks are made with or without ink-wells.

This style, designed for juveniles, has been adopted in a large number of schools, recently, with good results. It consists of three sizes, Nos. 1, 2, 3, and is suitable for pupils from four to eight years of age.



No. 24.

WALES' PRIMARY SINGLE DESK AND FRANKLIN CHAIR

THE engraving represents a small-sized SINGLE SCHOOL DESK, and FRANKLIN CHAIR to correspond. The general details given for style No. 23 apply to this, so far as they accord with Single Desks.

The sizes are Nos. 1, 2, 3.

The best educators have long favored the use of Desks, as well as Chairs, in Primary Schools; and recently many schools have been supplied with them, to the great satisfaction of the little people who are most interested in their use.



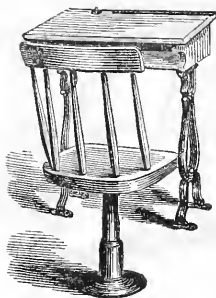
No. 25.

WALES' INTERMEDIATE DOUBLE DESK AND FRANKLIN CHAIRS

THE engraving represents a medium-sized DOUBLE DESK, with FRANKLIN CHAIRS to correspond; the whole on iron supporters, and made and finished in the best manner.

The style is designed for pupils who rank between the usual Primary and Grammar Schools, for which they are well adapted.

The sizes correspond to Nos. 3, 4, 5; and each Desk is furnished with a glass ink-well and metal cover

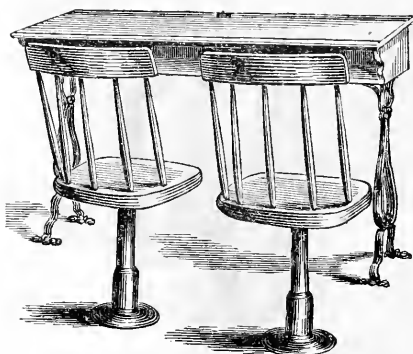


No. 26.

WALES' INTERMEDIATE SINGLE DESK AND FRANKLIN CHAIR.

THE engraving represents a medium-sized INTERMEDIATE SINGLE DESK, and FRANKLIN CHAIR to correspond; conforming in other respects to the description accompanying plate No. 25.

The sizes correspond to Nos. 3, 4, 5. Each Desk is furnished with a glass ink-well and metal cover.



No. 27.

WALES' DOUBLE DESK AND FRANKLIN CHAIRS.

THE engraving represents an IMPROVED DOUBLE DESK, on iron supports, with FRANKLIN CHAIRS to correspond.

Each Desk is supplied with a glass ink-well and metal cover.

The sizes may be found in the schedule of heights of Chairs and Desks.



No. 28.

WALES' SINGLE DESK AND FRANKLIN CHAIR.

THE engraving represents an IMPROVED SINGLE DESK, on iron supports, with a FRANKLIN CHAIR to correspond

Each Desk is supplied with a glass ink-well and metal cover.

The sizes are contained in the schedule of heights of Chairs and Desks.

WALES' TEACHER'S TABLES AND DESKS.

THE subscriber is prepared to furnish every description of Teacher's Tables and Desks, of his own manufacture, or to manufacture to order from any desired pattern.

This branch of the work is all executed in the choicest description of hard wood; not a particle of soft lumber, of any kind, being used in their construction.

The engravings being exact copies of several approved styles, persons at a distance can order by designating the number prefixed to the kind preferred, with the certainty that their expectations, as to style and workmanship, will not be disappointed.

Every article is made in the best manner, and WARRANTED



No. 101.

WALES' TEACHER'S TABLE.

Without Drawers.



No. 102.

WALES' TEACHER'S TABLE.

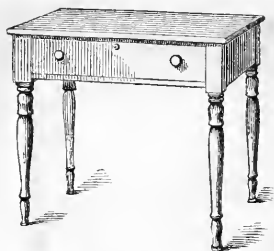
One Drawer.



No. 103.

WALES' TEACHER'S TABLE.

Two Drawers.



No. 104.

WALES' TEACHER'S TABLE.

TWO AND A HALF FEET LONG.

One Drawer.

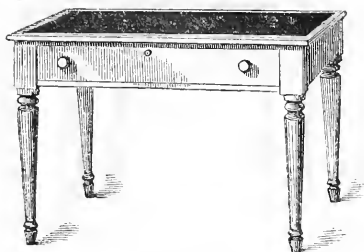


No. 105.

WALES' TEACHER'S TABLE.

THREE FEET LONG.

One Drawer

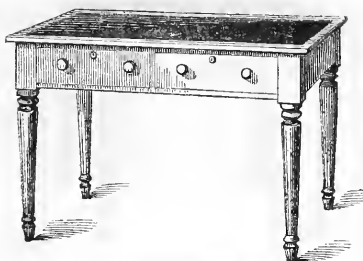


No. 106.

WALES' TEACHER'S TABLE.

THREE AND A HALF FEET LONG.

One Drawer.

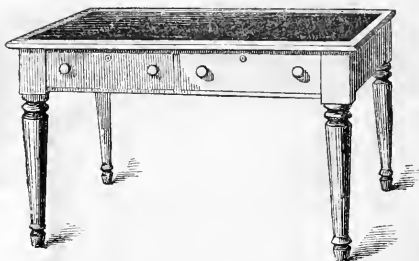


No. 107.

WALES' TEACHER'S TABLE.

THREE AND A HALF FEET LONG.

Two Drawers.

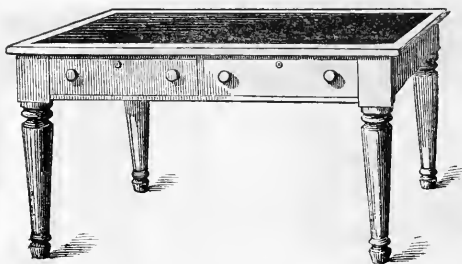


No. 108.

WALES' TEACHER'S TABLE.

FOUR FEET LONG.

Two Drawers.

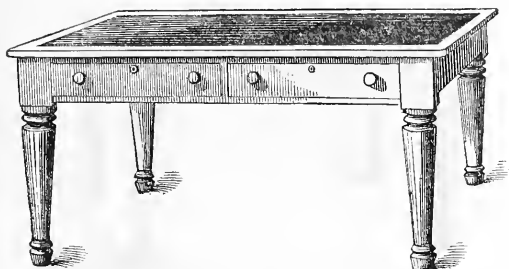


No. 109.

WALES' TEACHER'S TABLE.

FOUR AND A HALF FEET LONG.

Two Drawers.

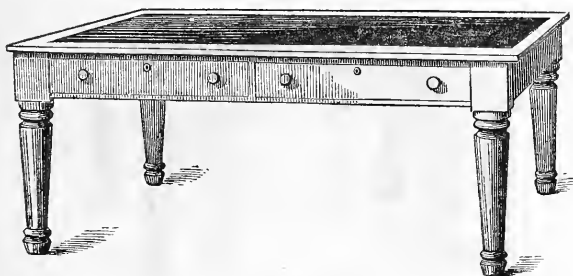


No. 110.

WALES' TEACHER'S TABLE.

FIVE FEET LONG.

Two Drawers.



No. 111.

WALES' TEACHER'S TABLE.

SIX FEET LONG.

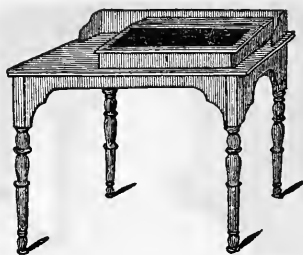
Two or Three Drawers.



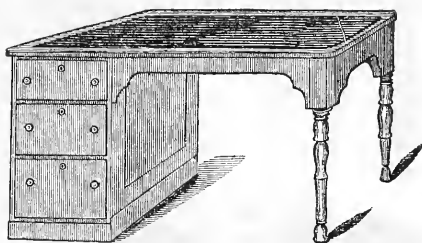
No. 201.
MOVABLE SKELETON DESK.



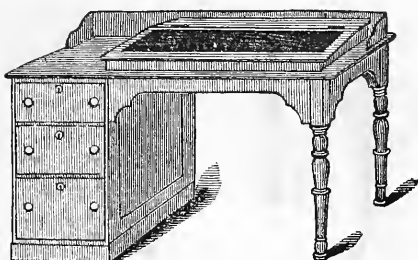
No. 202.
PORTABLE DESK.



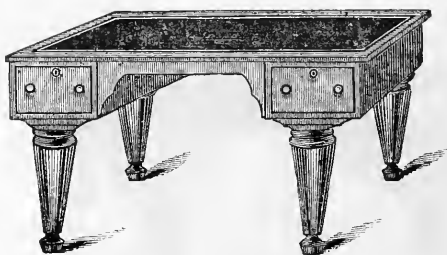
No. 203.
WALES' TEACHER'S DESK.



No. 204.
WALES' TEACHER'S DESK.
Three Drawers and Table Top.



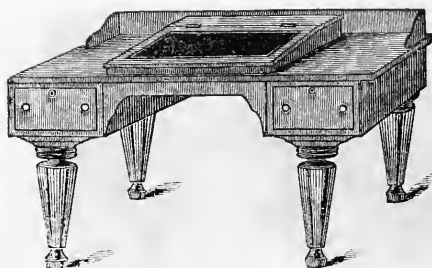
No. 205.
WALES' TEACHER'S DESK.
Three Drawers and Top Desk.



No. 206.

WALES' TEACHER'S DESK.

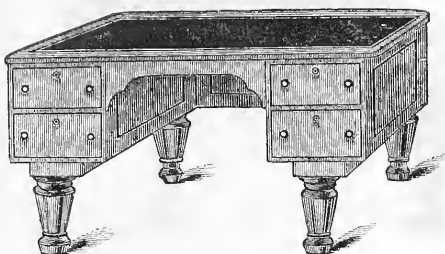
Two Drawers and Table Top.



No. 207.

WALES' TEACHER'S DESK.

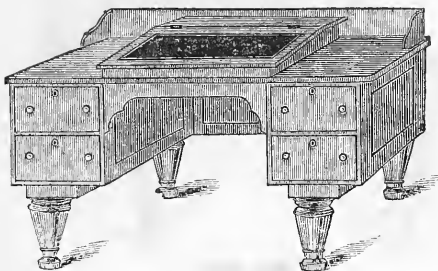
Two Drawers and Top Desk.



No. 208.

WALES' TEACHER'S DESK.

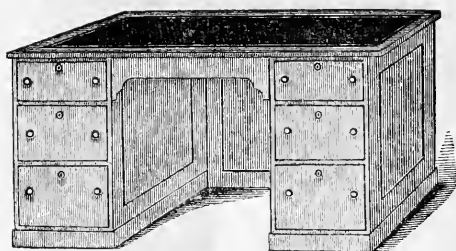
Four Drawers and Table Top.



No. 209.

WALES' TEACHER'S DESK.

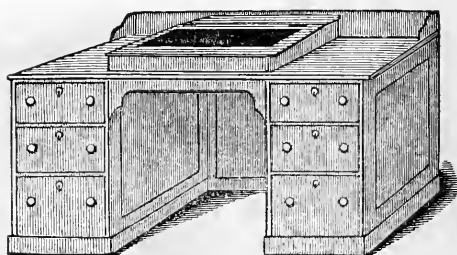
Four Drawers and Top Desk.



No. 210.

WALES' TEACHER'S DESK.

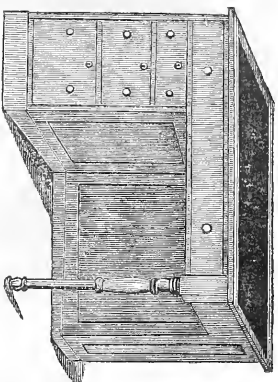
Six Drawers and Table Top.



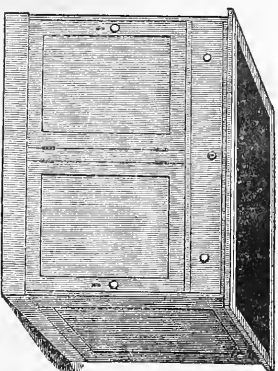
No. 211.

WALES' TEACHER'S DESK.

Six Drawers and Top Desk.



A.



B.

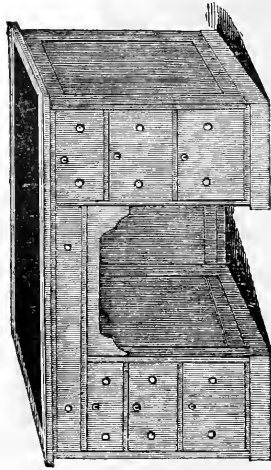
No. 212.

WALES' TEACHER'S DESK AND LIBRARY.

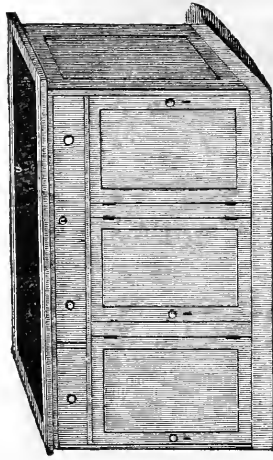
Four Drawers, Table Top, and Book-case.

A. The side occupied by the Teacher.

B. The side facing the school, with a large drawer for maps, drawings, &c., and two doors which open a book-case, suitable for a school library.



A.



B.

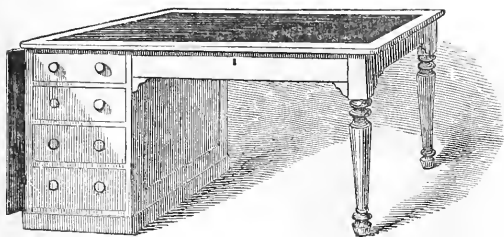
No. 213.

WALES' TEACHER'S DESK AND LIBRARY.

Six Drawers, Table Top, and Large Book-case.

A. The side occupied by the Teacher.

B. The side facing the school, with a large drawer for maps, drawings, &c., a small drawer for utensils of study, and three doors which open a large book-case, suitable for a school library.



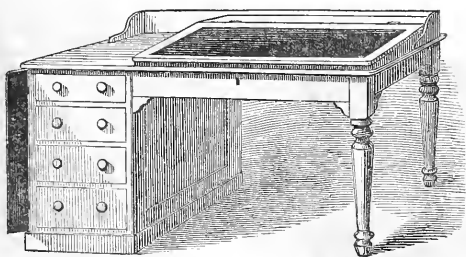
No. 214.

WALES' TEACHER'S DESK.

FOUR FEET LONG.

Five Drawers and Table Top.

THE Drawers are secured by locking the side folder, which, when closed, overlays them all.



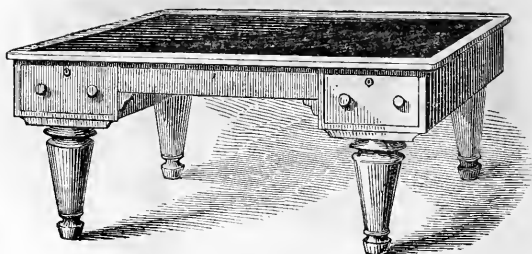
No. 215.

WALES' TEACHER'S DESK.

FOUR FEET LONG.

Five Drawers and Top Desk.

THE drawers are secured by locking the side folder, which, when closed, overlays them all.

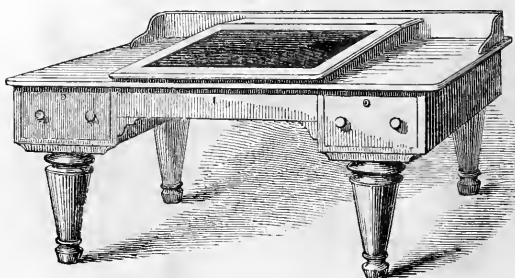


No. 216.

WALES' TEACHER'S DESK.

FIVE FEET LONG.

Three Drawers and Table Top.

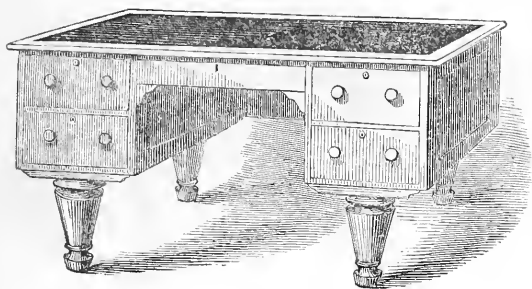


No. 217.

WALES' TEACHER'S DESK.

FIVE FEET LONG.

Three Drawers and Top Desk.

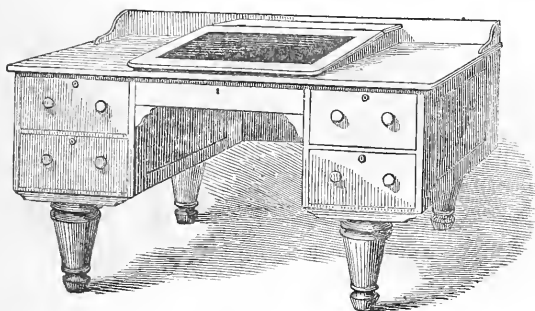


No. 218.

WALES' TEACHER'S DESK.

FIVE FEET LONG.

Five Drawers and Table Top.

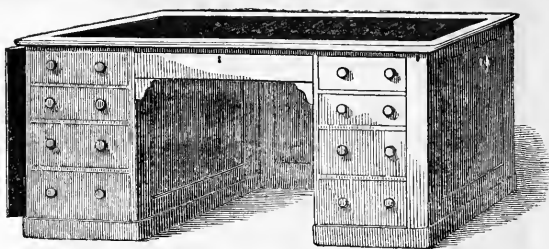


No. 219.

WALES' TEACHER'S DESK.

FIVE FEET LONG.

Five Drawers and Top Desk.



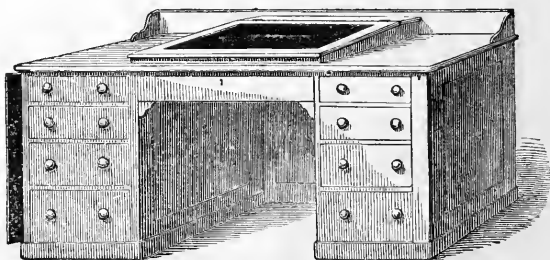
No. 220.

WALES' TEACHER'S DESK.

FIVE FEET LONG.

Nine Drawers and Table Top.

THE drawers are secured by locking the side folders, each of which, when closed, overlays the ends of the adjoining set.



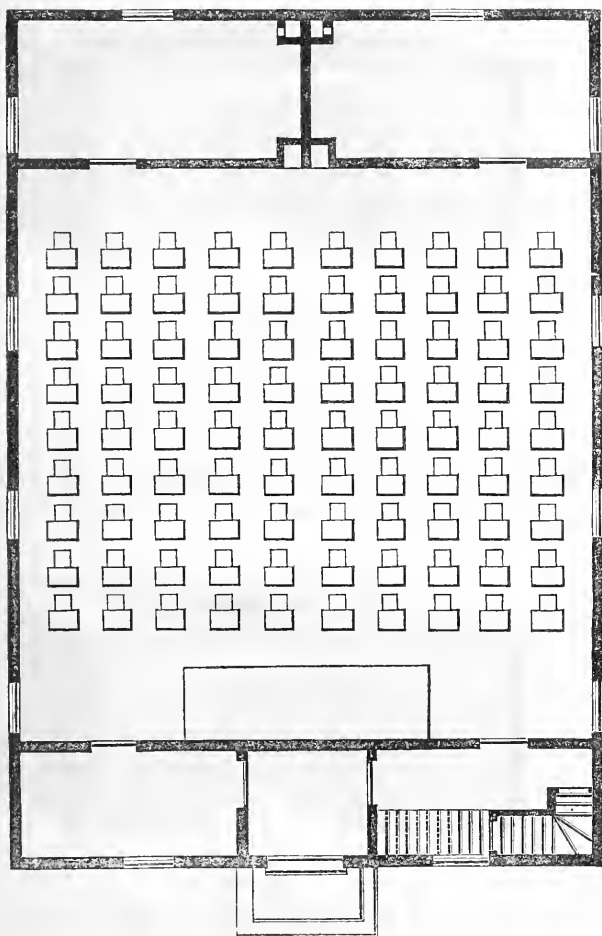
No. 221.

WALES' TEACHER'S DESK.

FIVE FEET LONG.

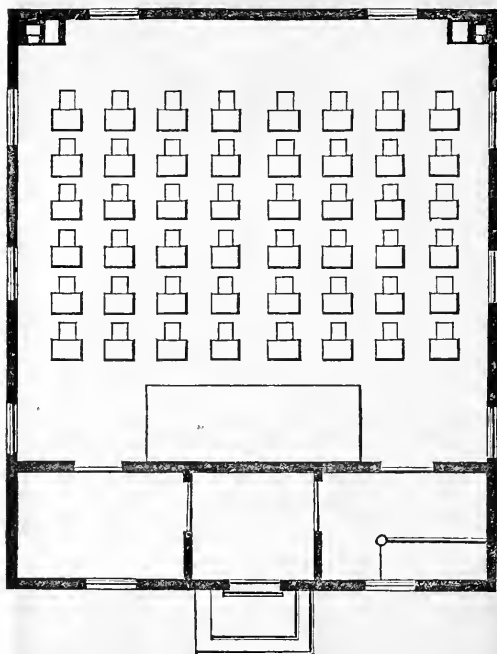
Nine Drawers and Table Top.

THE drawers are secured by locking the side folders, each of which, when closed, overlays the ends of the adjoining set.



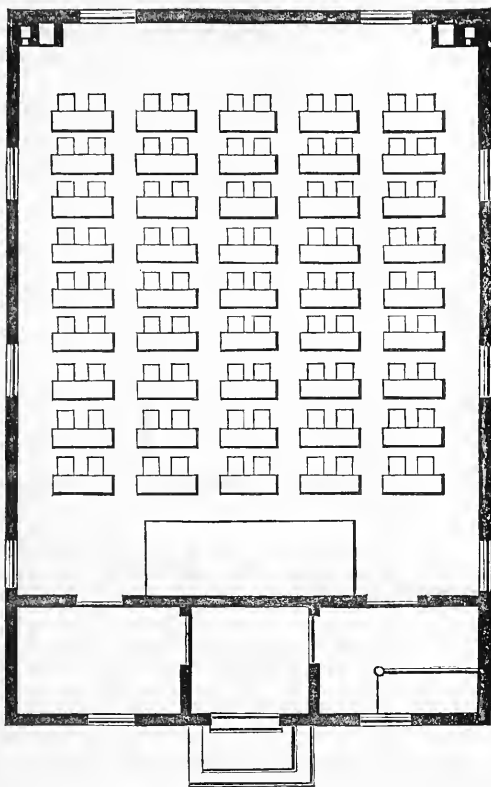
No. 301.

THE ground floor of a School-house, 50 feet by 72 feet inside, with a school-room 50 feet square, arranged with Wales' Single School Desks and Chairs, for 90 scholars; having two recitation-rooms, each $24\frac{1}{2}$ feet by 12 feet, and ante-rooms, entrance, &c. Drawn for Wales' Guide, by J. D. Towle, architect, 11 Joy's Building, Boston.



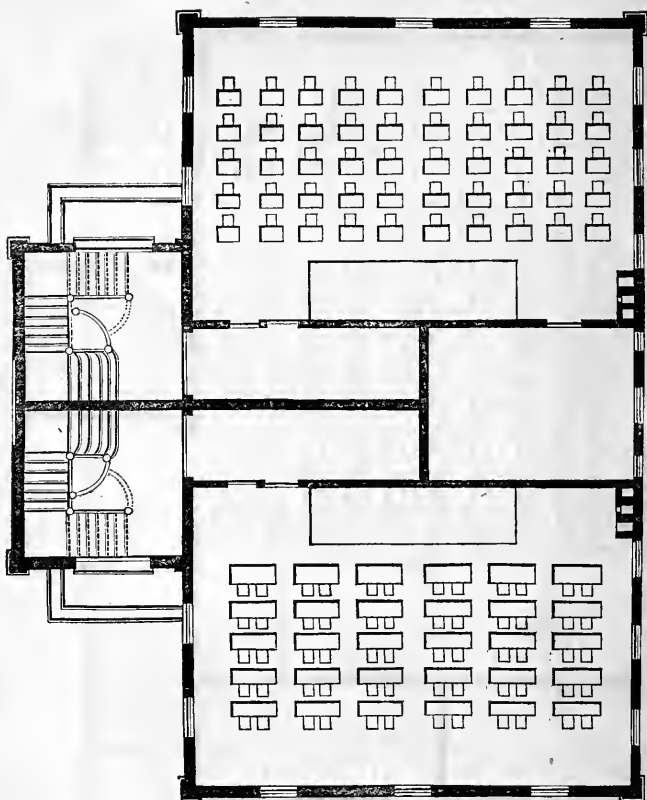
No. 302.

THE ground floor of a School-house, 40 feet by 48 feet inside ; with a school-room 40 feet by 38 feet, arranged with Wales' Single School Desks and Chairs, for 48 scholars ; having two ante-rooms, each 15 feet by 9 feet, and entrance-hall 10 feet by 9 feet. Drawn for Wales' Guide, by J. D. Towle, architect, 11 Joy's Building, Boston.



No. 303.

THE ground floor of a School-house, 40 feet by 60 feet inside ; with a school-room 40 feet by 50 feet, arranged with Wales' Double School Desks and Chairs, for 90 scholars ; having two ante-rooms, each 9 feet by 16 feet, entrance-hall, &c. Drawn for Wales' Guide, by J. D. Towle, architect, 11 Joy's Building, Boston.



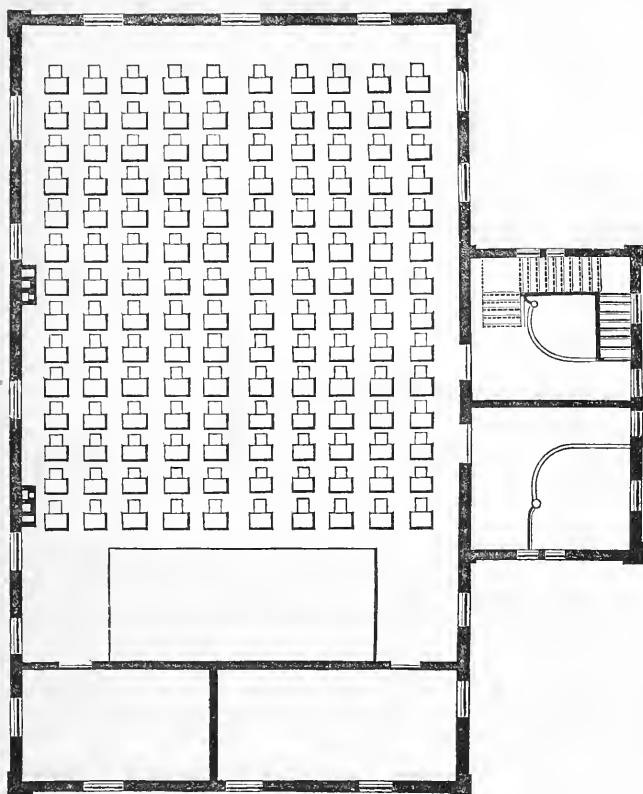
No. 304.

THE ground floor of a School-house, 38 feet by 68 feet inside; divided into two parts, having separate entrances.

One part is a school-room 38 feet by 27 feet, arranged with Wales' Double School Desks and Chairs, for 60 scholars; having an ante-room, entrance-hall, &c.

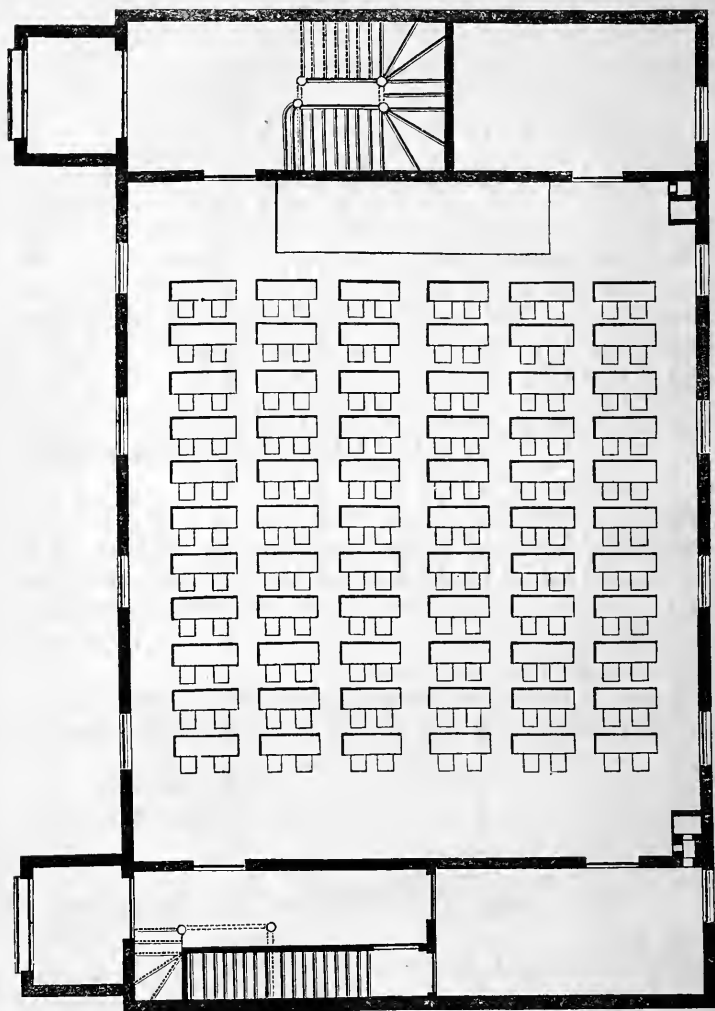
The other part is a school-room of same dimensions, arranged with Wales' Single School Desks and Chairs, for 50 scholars; having a recitation-room, ante-room, entrance-hall, &c.

Drawn for Wales' Guide, by J. D. Towle, architect, 11 Joy's Building, Boston.



No. 305.

THE second floor of the School-house represented in No. 304. with a school-room 38 feet by 56 feet, arranged with Wales' Single School Desks and Chairs, for 140 scholars; having two recitation-rooms, one 10 feet by 22 feet, the other 10 feet by 13 feet; and stairways and lobbies from each section of the lower floor, entirely separate. Drawn for Wales' Guide, by J. D. Towle, architect, 11 Joy's Building, Boston.



No. 306. THE ground floor of a School-house, 36 feet by 64 feet inside, having an entrance-hall, stairways, &c., at each end ; with a school-room 36 feet by 45 feet, arranged with Wales' Double School Desks and Chairs, for 132 scholars, and a recitation-room at each end, in rear of entrance-halls. Drawn for Wales' Guide, by J. D. Towle, architect. 11 Joy's Building, Boston.

TESTIMONIALS.

THE following letters are selected from many highly valued testimonials, as evidence of the high esteem in which the Improved School Furniture, described in the foregoing pages, is held by those whose practical experience and constant observation entitle them to judge of its merits.

[From the Masters of the Bowdoin School, Boston, Mass.]

Bowdoin School, Boston, September 9, 1848.

Mr. SAMUEL WALES, Jr.

DEAR SIR : — Teachers, School Committees, and others interested in School Furniture, have frequently asked our opinion of the “Bowdoin School Chair ;” and we have unhesitatingly said to them, that it is the best school chair, in every important particular, that we have yet seen, combining strength with beauty of form, and furnishing a comfortable and easy seat for pupils.

We have examined the different patterns of your “School Desks,” and think each pattern well adapted to accomplish the object for which it is designed.

Yours, respectfully,

A. ANDREWS.

JAMES ROBINSON.

[From Alanson Valentine, Esq.]

Jamaica Plains, Roxbury, Mass., April 2, 1849.

Mr. WALES : — The Chairs and Desks furnished by you for what has been denominated the “Model School-house” give entire satisfaction, both to our own people, and to those who have visited us seeking improvements.

All admit that the furniture combines beauty, convenience, and durability. I see nothing at present that can be improved.

ALANSON VALENTINE.

Principal of Central Grammar School, Jamaica Plains.

TESTIMONIALS.

[From the Master of the Quincy School, in Boston, Mass.]

Quincy School, Boston, September 5, 1848.

S. WALES, Jr., Esq.

DEAR SIR :— My opinion in regard to your Improved Scroll-back School Chair having been frequently solicited by gentlemen interested in school architecture, I take this opportunity to say, once for all, that it gives entire satisfaction in every respect.

For strength, comfort and elegance, it is unsurpassed by any other pattern with which I am acquainted. It is a model chair, and leaves nothing further to be desired in this part of school furniture.

I consider your Desk also a superior article; it combines many excellences, and is a worthy companion of the Chair. Indeed, both need but to be examined, to be approved.

Very truly, yours,
JOHN D. PHILBRICK.

[From the School Committee of Lynn, Mass.]

Lynn, June 16, 1849.

The High School, also the Franklin and Centre Schools, in this town, have been furnished, by S. Wales, Jr., with his Bowdoin School Chairs and Desks; and, by their firmness, neatness, and convenient adaptation to children of different ages, they give entire satisfaction.

CHAS. C. SHACKFORD, *Chairman.*

B. F. MUDGE, *Sec'y of Com.*

[From Alonzo Tripp, Esq., Principal of Village Seminary, Hyannis, Mass.]

Village Seminary, Hyannis, July 9, 1849.

We have furnished our school-room with "Wales' American School Chairs and Desks" and Settees, and I am thus far well satisfied with them.

They appear to combine, in a high degree, strength, convenience, and beauty; and to be all that could be desired for a well-regulated school.

ALONZO TRIPP.

TESTIMONIALS.

[From Theodore Dunn, Esq., Roxbury, Mass.]

Jamaica Plains, July 31, 1849.

DEAR SIR : — I am always happy in bearing testimony to decided improvement of any kind.

The School Furniture made and set up under your directions in the Central Grammar School, Roxbury, has given entire satisfaction and has been much admired.

For durability, workmanship, and beauty of design and finish, it is superior to any school furniture now in use.

And, as such, I would recommend it to those who have the furnishing of school-houses in charge.

Very respectfully yours,

THEODORE DUNN,
Chair. of Central G. School.

[From the Building Committee, Upton, Mass.]

Upton, July 7, 1849.

Mr. S. WALES, Jr.

DEAR SIR : — We are highly pleased with the Chairs and Desks which we had of you for School District No. 1.

We believe them to be equal, if not superior, to anything now in use, in the way of School Furniture.

Yours, truly,

WM. HALE,
JOSEPH S. MACFARLAND,
D. B. FISK,
WILLIAM B. HALL,
Building Committee.

TESTIMONIALS.

[Extract of a Letter from Professor William Smyth, of Bowdoin College, Chairman of the Board of Agents of the Village School District, Brunswick, Me.]

Brunswick, December 29, 1849.

S. WALES, Jr.

SIR: — * * In respect to the Chairs and Desks furnished us, I am happy to say that they fully meet our expectations. In point of strength, durability, beauty of construction, and general adaptation to their object, they appear to be all that can be desired. Their introduction has contributed very materially to the convenience and comfort, and, by consequence, to the good order, of the school in which they are used. It has served likewise to create, in a high degree, a proper respect for the school-room and its appurtenances, in which our public schools generally are sadly deficient. Thus far — about four months — not the slightest wanton injury has been done them; and, from the public sentiment already produced, I think they are no more liable, for the future, to receive such injury from the pupils, than the best furniture at their own homes. This we feel to be a great point gained. It is a sufficient justification of, and is, in itself, in fact, worth all the expense incurred. Respectfully yours,

WM. SMYTH.

[Letter from B. Stanton, Esq., Principal of Gilford Academy.]

MR. WALES.

DEAR SIR: — We have in use, in our institution, your School Furniture, and, from experience, we can confidently say, that its firmness, convenience and elegance, render it highly commendable; so much so, that an improvement on it is hardly desirable, even were it practicable.

We feel assured that its extensive use will greatly contribute to the health and happiness of pupils in all our schools.

Yours, very respectfully,

BENJ. STANTON.

Principal of Gilford Academy.

Meredith Bridge, N. H., March 30, 1850.

TESTIMONIALS.

[Extract from a letter from O. C. Wight, Esq., Washington, D. C.]

Washington City, July 15, 1849.

* * * * "You wish to know how I am pleased with the School Furniture. It equals my expectations in every particular, and is much admired by all who have seen it. It is something entirely new in this city, and creates considerable excitement." * *

Respectfully, O. C. WIGHT.

[From E. Anthony, Esq., Editor, Taunton, Mass.]

Taunton, August 6, 1849.

Mr. S. WALES, Jr.

DEAR SIR: — * * * I have taken the liberty, in several instances, to recommend your Furniture to those whose business it was to furnish school-rooms; and I think those who may adopt it will never regret it.

Respectfully yours,

E. ANTHONY.

[From S. Hopkins Emery, Esq., Taunton, Mass.]

Taunton, August 6, 1849.

Mr. S. WALES, Jr.

SIR: — The furniture for our new school-house, in District No. 30, answers its purpose admirably.

The Desks and Chairs are everything we could wish.

As an individual, I take pleasure in commending your School Furniture to the attention of the public.

S. HOPKINS EMERY.

Of the Sup. School Committee of Taunton.

TESTIMONIALS.

[From Southbridge, Mass.]

Southbridge, April 10, 1850.

SAM'L WALES, Jr., Esq.

DEAR SIR:—As it was your request that I should inform you, after a thorough trial of the School Furniture had of you last season, how it met the approval of the Committee, and that I should suggest any improvements which might occur to us, I take this late opportunity to fulfil your request; and as you are aware that we had to labor very hard to induce the members of the district to assent to so large an expenditure for furniture, after erecting an expensive house, you will doubtless be glad, also, to know how the *district* are satisfied with their *investment*.

To be as brief as possible, I will say that *all* parties are perfectly satisfied, and we have no improvements to suggest. Our school-houses, from being repulsive to both parents and pupils, have become the great centre of attraction; and, for the encouragement of building committees and others, who may be denounced for their *extravagance*, in procuring good school furniture, I am happy to say, that those who found the most fault with us here are now loud in their praises of "our school-rooms," and so I believe it will be in a majority of cases. Tax-payers will grumble a little at the beginning; the next thing you will hear of them will be, that, in other school districts and other towns, they are boasting of "our school-house and its appendages." And this is very natural; for, until the attention of the community is attracted to the subject, and the benefit and advantage of having, in this particular as all others, everything that is employed for a specific end perfect of its kind, people are very apt to think that the school-house is very well as it is. I can suggest no improvements, either in the Desks or Chairs. They seem to be perfect in every particular, and I shall take pleasure in doing anything that I can to make the public acquainted with your work.

Trusting that your labors to make our school-rooms what they should be, pleasant and attractive, will be successful, I remain truly yours,

MANNING LEONARD,

{ Of the Building Committee,
{ School District No. 1, in Southbridge.

TESTIMONIALS.

Letter from Cumberland, in the State of Maryland.

Cumberland, Maryland, July 23, 1850.

S. WALES, Jr., Boston.

Dear Sir: — Your school furniture has just been put up in our Academy, and we take great pleasure in stating that it fully meets our expectations. The desks and chairs are admirable, for their strength, comfort, and convenience, and whilst affording ample accommodation to the pupils, sufficient space is left for free access to all parts of the room. The whole combined presents a very neat and graceful appearance.

Schools, provided with well-arranged and well-finished furniture, have a direct tendency to elevate the character of the pupil, and to instil habits of order and neatness. They afford, at the same time, great facilities to the teacher, in establishing discipline. We hope the day is not far distant when this will be acknowledged and acted upon by every one having charge of schools; and to such we recommend your furniture with confidence, as fully answering these important ends.

Very truly yours,

JOSEPH SHRIVER,

Secretary of the Board of Trustees of the Cumberland Academy.

TESTIMONIALS.

[Letter from Dr. Bigelow, Newton, Mass.]

MR. WALES.

Dear Sir:—I take great pleasure in assuring you of the complete satisfaction, the furniture with which you supplied the new school-house in this district, has given, not only to those who have the most intimate concern in it, but also to very many others who have visited the school. Your furniture has been introduced into one other large house, in the west district, and with the same happy success.

The extreme care and exactness apparent in every piece of your work, and throughout all the details of its construction, secure not only perfection of finish, but also the promise of great durability; points of no small consideration in school furniture.

I cannot forbear commending, in an especial manner, your primary chair, with the iron basket. I am confident there is no other that will bear comparison with it, in any essential particular.

Respectfully yours,

HENRY BIGELOW,

of the Committee.

Newton Corner, Sept. 7, 1850.

NEW HAVEN, *Sept. 16th, 1853.*

S. WALES, Jr., Esq.,

Dear Sir: — Your school furniture, recently set up in one of our public schools, we are happy to say, gives entire satisfaction. The ease and comfort to be derived by the use of your elegant and convenient Desks and Chairs need only to be seen to be appreciated. They have been much admired, being something entirely new in this city, and have made a decided impression in the community. They will certainly greatly contribute to the health and happiness of the pupils wherever used.

Respectfully your obt. servts.,

AUGUSTUS LINES,	} <i>Committee</i>	
IRA MERWIN,		} <i>of Public</i>
JOHN W. MANSFIELD,		} <i>Schools.</i>

NOTICE.

THE PROPRIETOR takes this opportunity to state, that he is the INVENTOR and ORIGINAL MANUFACTURER of the NEW ORDER OF SCHOOL FURNITURE.

The styles, sizes, combinations and proportions, are peculiarly his own.

This is the only ESTABLISHMENT in existence especially devoted to this enterprise.

The variety of styles can be seen at a glance to be very great; and additions are being made as often as the interests of education require.

None but first-class articles are ever suffered to go from this establishment.

The Proprietor intends to keep a stock of the articles represented in the foregoing pages, so ample as to secure the prompt and faithful execution of all orders entrusted to his care; and as the workmanship in every case will be of the first class, it is impossible that any reasonable expectation should be disappointed.

S. WALES, Jr.,

ORIGINAL MANUFACTURER OF SCHOOL FURNITURE,

No. 14 BROMFIELD ST., BOSTON.

A WORD IN SEASON.

THE proprietor, having at his command every requisite equipment, is able to supply, at short notice, the new order of School Furniture, made and finished in a superior style, at such reasonable prices as will leave no possible excuse for expending school money upon uncommonly, unsuitable, or coarsely made articles.

Instances have occurred, where committees have adopted the error of supposing that this kind of School Furniture can be made by any person, however destitute of such exact experience and equipments, as are absolutely necessary to the work. Under the influence of this delusion, contracts have been made with persons whose knowledge of the matter depended mainly upon the engravings and prices of this establishment, and who did not duly consider the advantage of tested models, with machinery and steam power, in the beauty, accuracy, and economy of manufacturing.

The consequences of such an oversight are natural and certain. If the contractor is faithful, he is a loser, without success. The committee find, when too late, that they get articles every way inferior. They are mortified and censured — the parents are chagrined and dispirited — the reasonable progress of school reform is repressed, and a whole county suffers from the error of a single school district, where the hopes of improvement have been disappointed.

These difficulties may be entirely avoided, by forwarding orders for School Furniture to this establishment, the whole force of which is constantly employed on this work, and which has never, in a single instance, failed of giving satisfaction.

LIBRARY OF CONGRESS



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